

CLAIMS

What is claimed is:

1 1. An electrode assembly used to apply a current to a
2 cornea, comprising:

3 a body that has an inner channel;

4 a stop that is inserted into said inner channel of said
5 body; and,

6 a tip that is attached to said stop.

1 2. The assembly of claim 1, wherein said stop is
2 constructed from a dielectric material.

1 3. The assembly of claim 1, wherein said tip is
2 electrically connected to said body.

1 4. The assembly of claim 3, wherein said tip is
2 welded to said body.

1 5. The assembly of claim 1, wherein said body
2 includes a mechanical stop that limits an insertion depth
3 of said stop.

1 6. The assembly of claim 1, wherein said body
2 includes an anti-rotation feature.

1 7. An electrode assembly used to apply current to a
2 cornea, comprising:
3 a body;
4 a tip that is coupled to said body;
5 stop means for limiting an insertion depth of said tip
6 into the cornea.

1 8. The assembly of claim 7, wherein said stop means
2 is constructed from a dielectric material.

1 9. The assembly of claim 7, wherein said tip is
2 electrically connected to said body.

1 10. The assembly of claim 9, wherein said tip is
2 welded to said body.

1 11. The assembly of claim 7, wherein said body
2 includes a mechanical stop that limits an insertion depth
3 of said stop means into an inner channel of said body.

1 12. The assembly of claim 7, wherein said body
2 includes an anti-rotation feature.

1 13. A method for assembling an electrode assembly that
2 is used to apply a current to a cornea,
3 comprising:
4 attaching a stop to a tip; and,
5 pressing the stop into an inner channel of a body.

1 14. The method of claim 13, further comprising
2 connecting the tip to the body.

1 15. The method of claim 14, wherein the tip is welded
2 to the body.

1 16. The method of claim 13, wherein the stop is bonded
2 to the tip.

1 17. The method of claim 13, wherein the insertion of
2 the stop is stopped by a mechanical stop of the body.

1 18. The method of claim 13, wherein the body is
2 inserted into a handpiece.